

OBSERVATIONS ON VISIBILITY OF LIGHTS IN DENMARK.

In accordance with the Resolution made under Section III D by the International Hydrographic Conference held in London, in 1919, and in answer to Circular Letter N° 39 of 1922 issued by the Directing Committee, the International Hydrographic Bureau has received, from some of the States Members, observations as to the visibility of lights on their coasts, which have been made under various conditions during the last few years.

The results of these observations have been published in *Hydrographic Review* :

Vol. I, N° 2, May 1924, pages 67-94.

Vol. III, N° 1, November 1925, pages 141-180.

Vol. VIII, N° 1, May 1931, pages 144-184.

In particular, the above mentioned publications contain regular observations of Danish lights extending over a period of nine years, from 1921 to 1929 inclusive.

The results of the Danish observations for the year 1930 are given below his completes a ten years' series of observations of lights in this neighbourhood.

OBSERVATIONS OF LIGHTS
IN DENMARK-1930.OBSERVATIONS DE FEUX
AU DANEMARK-1930

N ^o in Light List 1929 N ^o Liste des Phares 1929	NAME OF LIGHT OBSERVED NOM DU FEU OBSERVÉ	Height above H. W. Hauteur au-dess. de la P. M.	POWER in Hefner units. PUISSANCE lumineuse en Hefner	Geogr. range (eye: 5 met.) Portée géog. haut. de l'œil: 5m.	Percentage of visibility of light observed. Pourcentage de visibilité du feu observé	Distance from light obs. Distance du feu observé	Dist. of horiz. of observer Dist. de l'horiz. de l'observ.	NAME OF OBSERVING STATION NOM DE LA STATION OBSERVATRICE	N ^o in Light List 1929 N ^o Liste des Phares 1929
43	Blaavands-Huk	55	180.000	19.7	77.5	11.4	10.6	Soedenstrand.....	13
52	Boubjerg	62	16.000	20.6	54.0	19.4	14.3	Lodbjerg.....	60
60	Lodbjerg	48	80.000	18.8	42.0 38.0	19.4 20.5	15.9 16.4	Boubjerg..... Hansthalm.....	52 69
69	Hansthalm.....	65	8.000.000	21.	69.0	20.5	14.3	Lodbjerg.....	60
78	Rubjerg-Knudde	90	240.000	24.2	84.0	9.8	15.4	Hirshals	80
80	Hirshals	57	140.000	20.0	82.0 50.5	9.8 24.1	19.4 13.6	Rubjerg-Knudde	78
86	Skagen	44	350.000	18.1	53.0 96.0 79.0	24.1 2.4 15.	15.4 7.6 11.2	Hirshals	80
95	Hirshalm.....	30	36.000	15.8	72.5	15.	13.6	Hojen.....	85
97	Nordre-Ronner	16	8.500	12.7	70.0	12.2	11.2	Hirshalm.....	95
107	Lysegrund.....	14	300		76.5	6.9	12.9	Hirshalm.....	95
108	Hesselo.....	40	250.000	17.5	48.5	22.	15.	Hesselo.....	108
146	Fornæs	32	400.000	16.1	68.5	19.3	14.4	Nakke-Hoved.....	222
154	Hjelm	50	100.000	19.	54.5 80.0 66.5	19.3 10.1 15.9	11.6 8.4 11.4	Hjelm	154
189	Æbelø	20	60.000	13.7	63.5	15.2	12.2	Fornæs	146
191	Enebærødde	13	2.000		44.5	15.1	12.2	Sletterhage.....	160
207	Revsnæs.....	24	15.000	14.6	76.0 65.5 62.5	11.1 12.8 14.1	12.2 11.4 8.4	Sejro	211
211	Sejro	31	35.000	15.9	65.5 67.5	15.9 12.8	14.4 14.4	Vestborg.....	194
215	Sjoelands Rev. (B)	14	350	12.2	33.5	14.2	14.4	Vestborg.....	194
217	Spodsbjerg	40	3.000		46.0	14.0	12.9	Vestborg.....	194
222	Nakke-Hoved.....	54	250.000	19.8	58.5	22.	12.9	Hjelm	154
282	Middelgrunds-Fort	30	800.000	15.8	96.0 94.5	2. 5.1	9.1 7.6	Hesselo.....	108
294	Flak Fort	21	30.000	14.	95.5 94.0	2.4 4.0	11.2 9.1	Trekroner	256
303	Nordre-Rose.....	14	30.000	12.2	91.0	5.1	11.2	Nordre-Rose.....	303
326	Sprogo.....	44	35.000	18.1	75.0 79.5	11.7 11.1	9.3 7.1	Middelgrunds-Fort	282
338	Romso	17	6.000	13.	58.5 65.5	14.1 12.3	10.1 13.6	Trekroner	256
								Omo	369
								Hov	363
								Revsnæs	207
								Sprogo.....	326

No in Light List 1929 No Liste des Phares 1929	NAME OF LIGHT OBSERVED NOM DU FEU OBSERVÉ	Height above H. W. Hauteur au-dess. de la P. M.	POWER in Hefner units. PUISSANCE lumineuse en Hefner	Geogr. range (eye : 5 met.) Portée géog. haut. de l'œil: 5 m.	Percentage of visibility of light observed. Pourcentage de visibilité du feu observé	Distance from light obs. Distance du feu observé	Dist. of horiz. of observer Dist. de l'horiz. de l'observ.	NAME OF OBSERVING STATION NOM DE LA STATION OBSERVATRICE	No in Light List 1929 No Liste des Phares 1929
		met.		n. m. m. m.		n. m. m. m.	n. m. m. m.		
342	Knudshoved.....	14	2.000	12.2	92.0	4.7	13.6	Sprogo.....	326
364	Trannekjær	14	5.000	12.2	50.5	13.3	9.3	Omo	369
369	Omo	21	20.000	14.	73.5 91.0 68.5	11.7 6.1 13.3	13.6 7.1 7.6	Sprogo..... Hov	326 363
								Trannekjær	364
400	Baago.....	12	600	11.6	38.5	11.5	11.2	Helnæs	408
408	Helnæs.....	30	6.000	15.8	61.5	12.6	11.6	Skjoldnæs.....	409
409	Skjoldnæs.....	32	60.000	16.1	77.5	12.6 8.7	11.2 10.6	Helnæs	408
								Taksensand	418
416	Nordborg	27	6.000	15.2	79.5	9.8	11.2	Helnæs.....	408
423	Gammel Pol	20	1.300		75.0	7.3	11.6	Skjoldnæs	409
430	Kegnæs.....	32	2.000	16.1	76.0	10.3	11.6	Skjoldnæs	409
443	Hyllekrog.....	19	85.000	13.5	58.5	16.3	10.4	Gjedser	450
450	Gjedser	26	140.000	15.0	63.0	16.3	8.9	Hyllekrog.....	443
461	Hellehavn-Nakke.....	40	3.300	17.5	40.0	17.2	16.3	Stevns.....	317
467	Hammeren	91	16.000	24.2	96.0 75.5	0.8 15.	9.3 11.	Hammer-Odde	469
								Christianso	477
469	Hammer-Odde	21	12.000	14.	63.0	14.4	11.	Christianso	477
477	Christianso	29	50.000	15.5	69.0 73.5 82.0	15. 14.4 11.4	19.5 9.3 9.1	Hammeren	467
								Hammer Odde.....	469
								Svaneke.....	485
485	Svaneke	20	35.000	13.7	81.0	11.4	11.	Christianso	477
565	Egense.....	19	5.000		93.0	4.4		Hals Barre	127
608	Vejro	19	6.000	13.5	66.0	10.8	9.3	Omo	369

